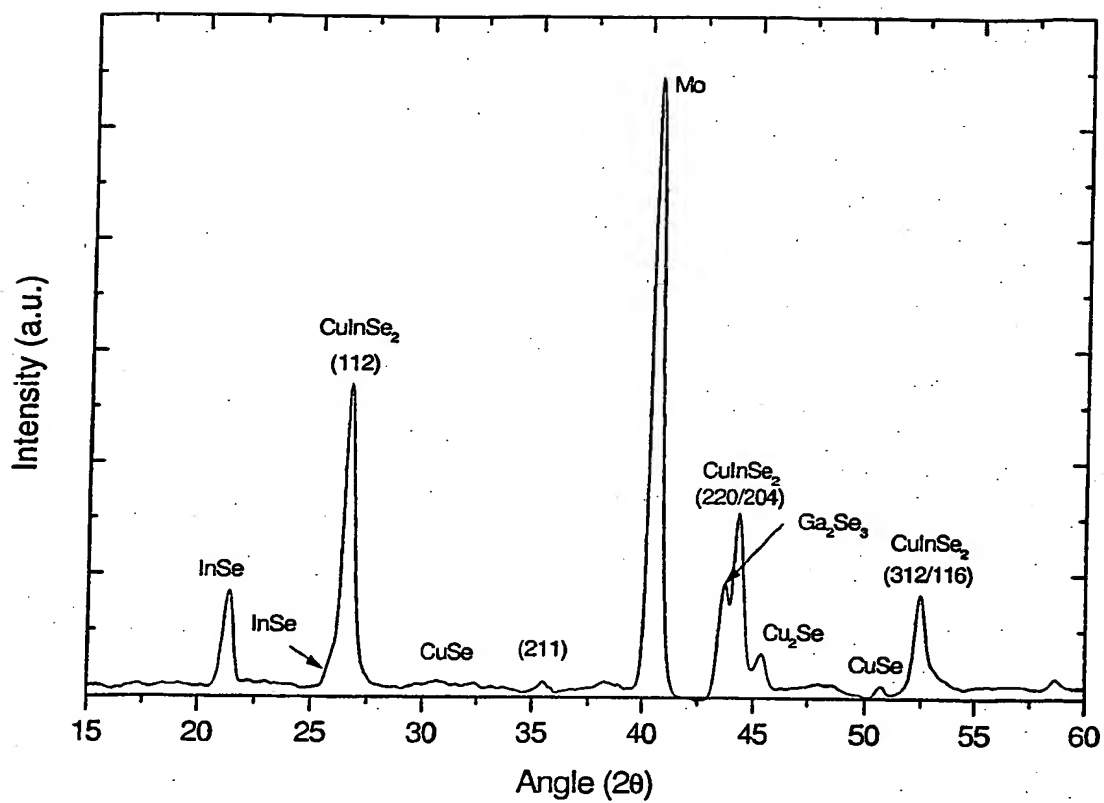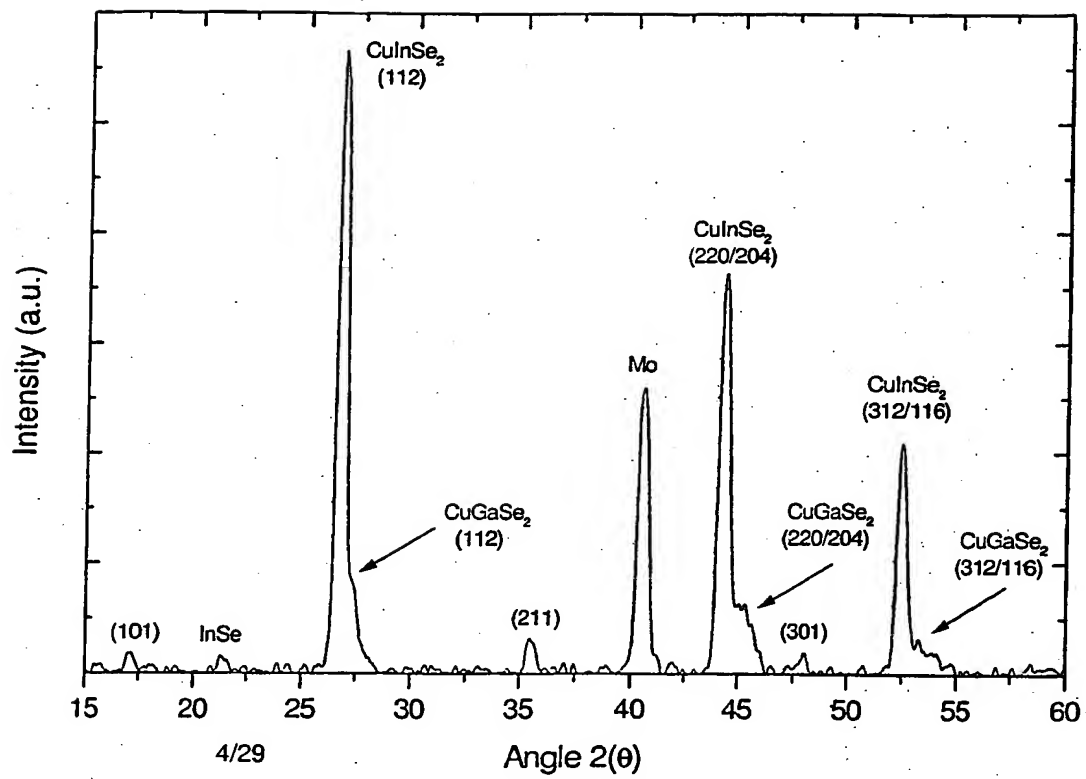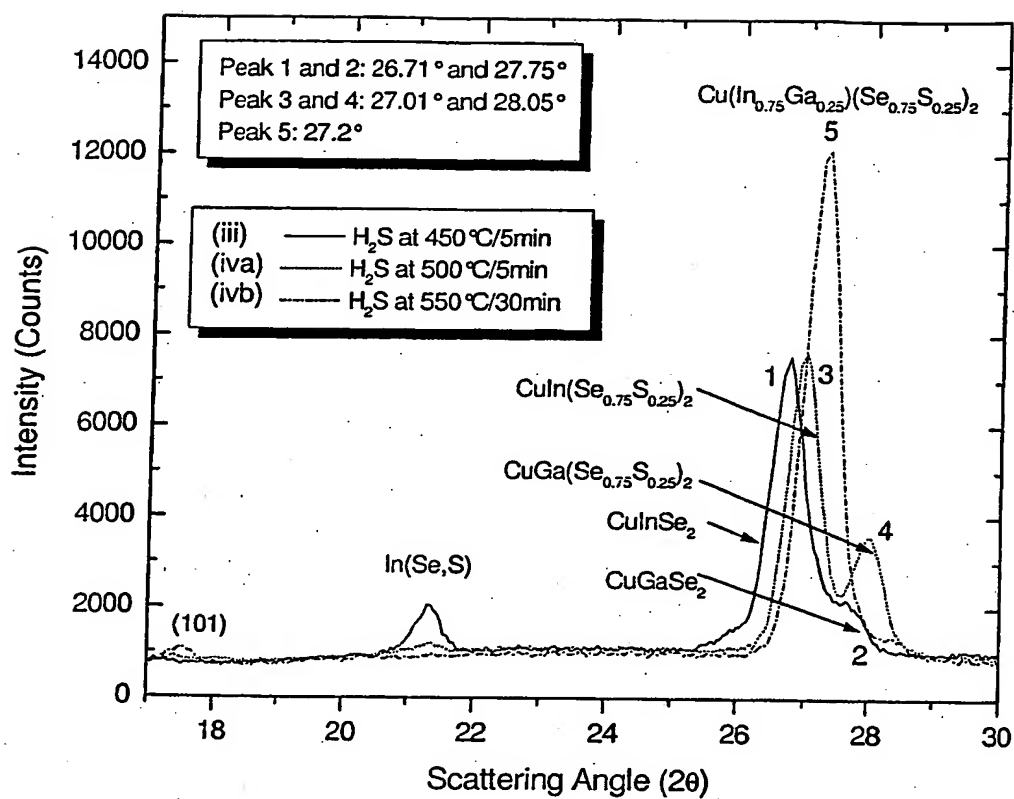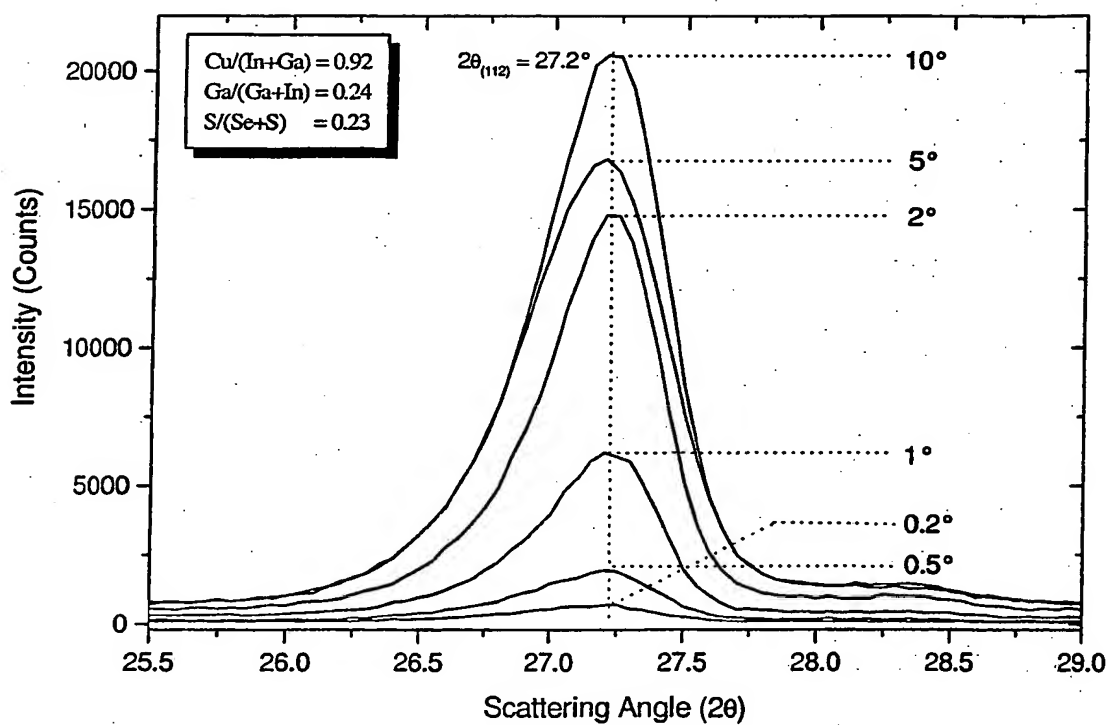FIGURE 1

FIGURE 2.1

FIGURE 2.2

FIGURE 3

FIGURE 4.1
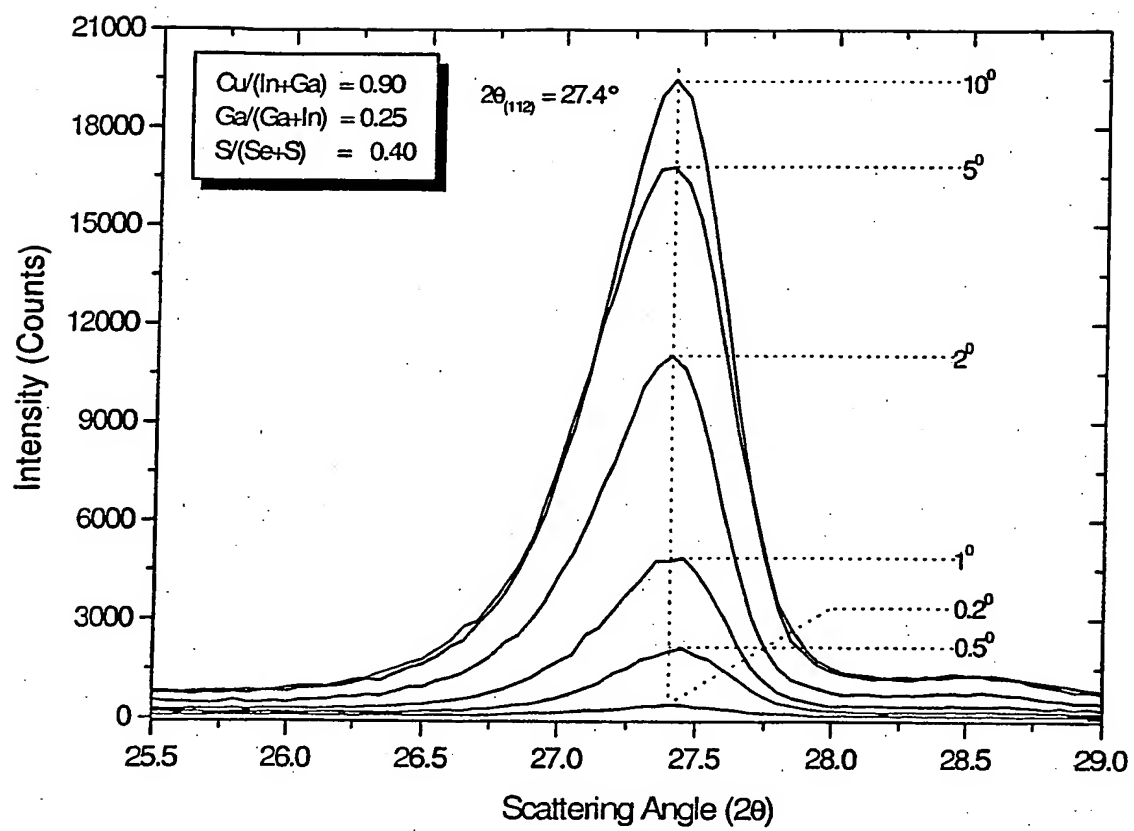
FIGURE 4.2
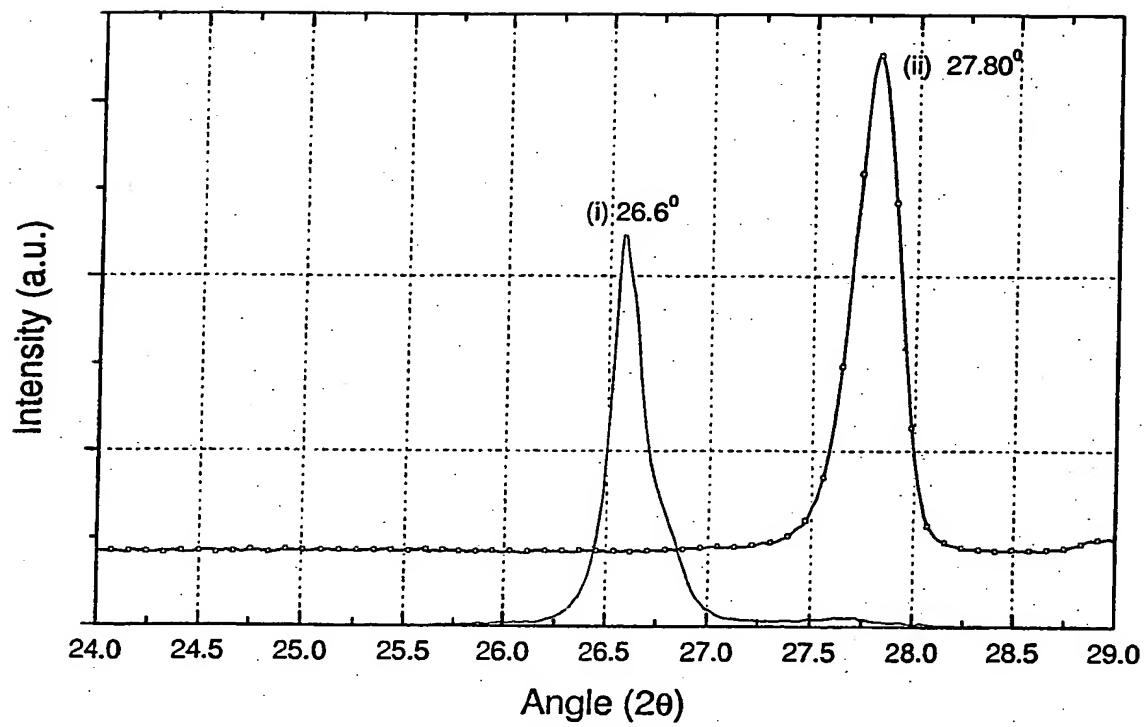
FIGURE 5
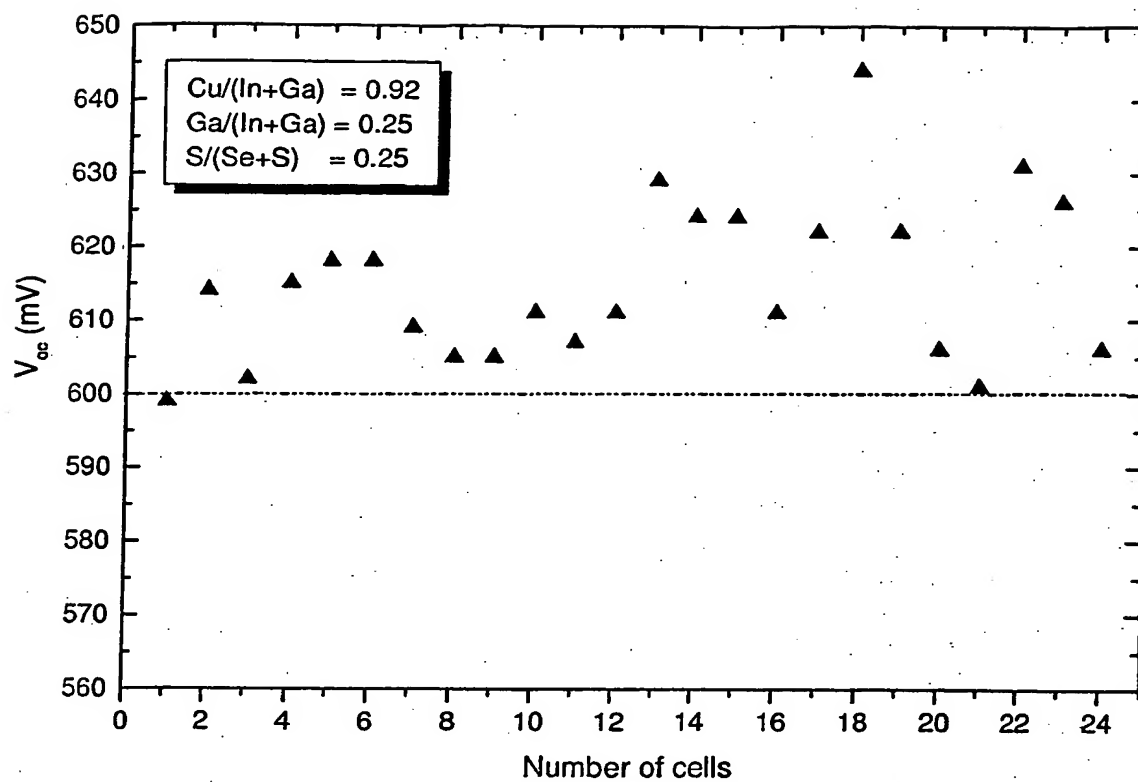
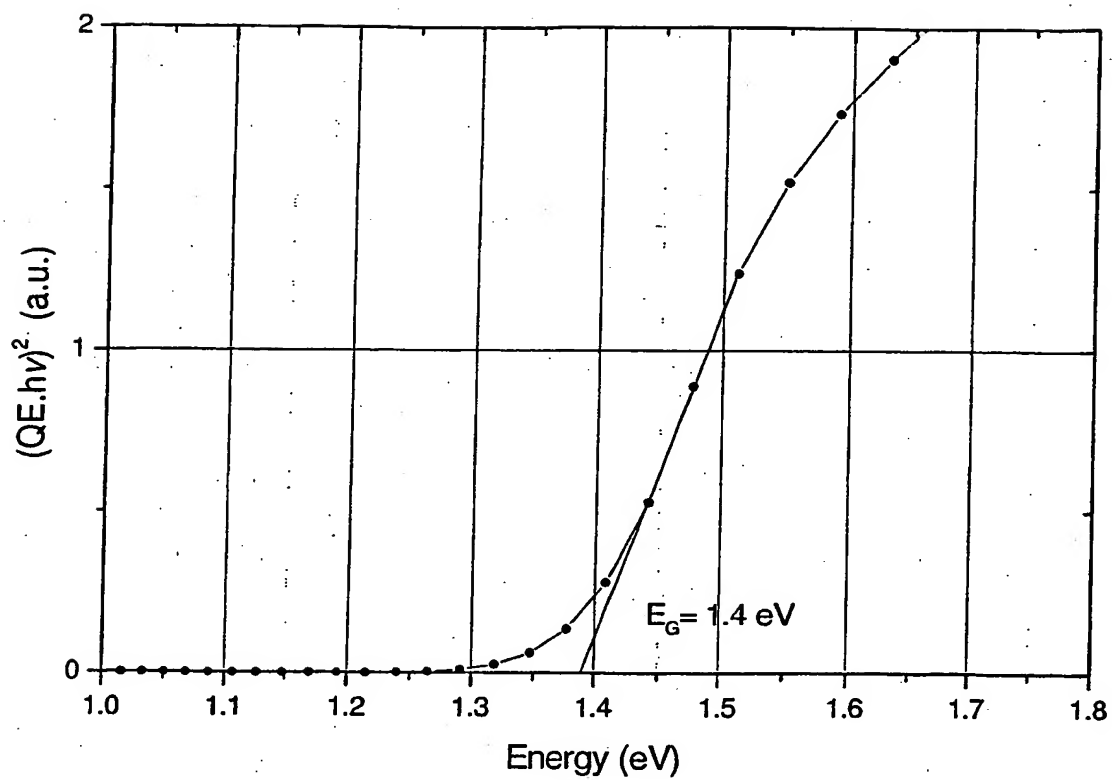FIGURE 6

FIGURE 7
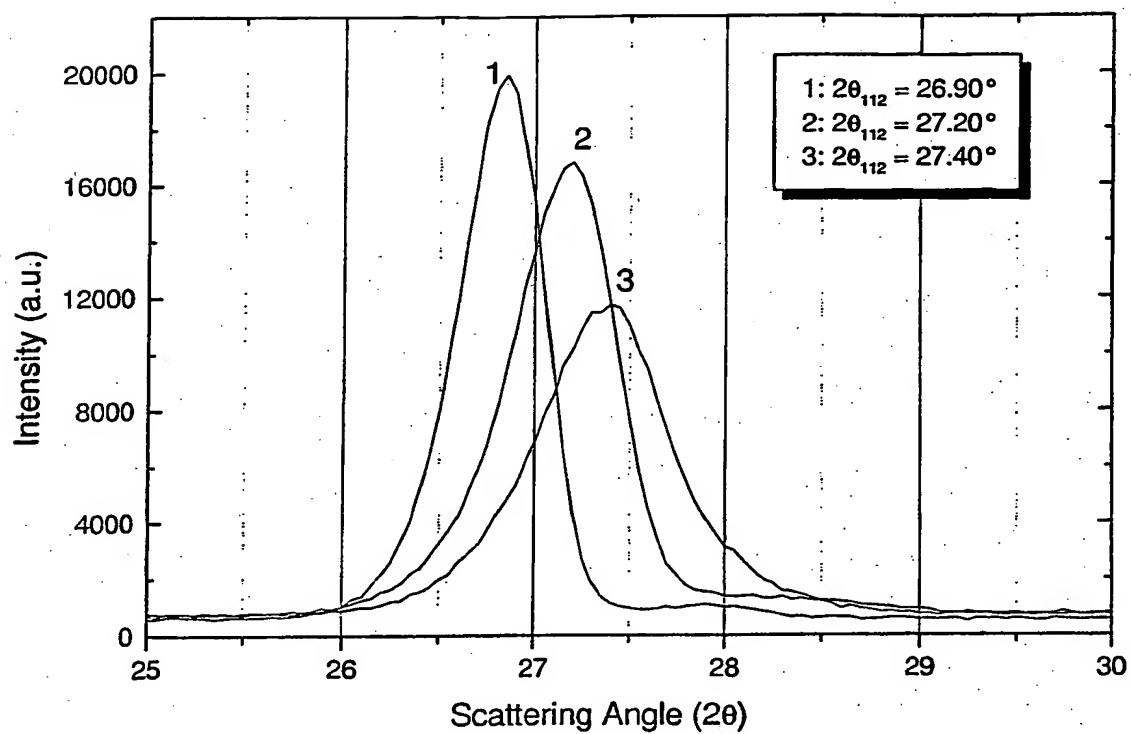
FIGURE 8

FIGURE 9

FIGURE 10

15kU   X2,500   10μm   21 23 SEI

FIGURE 11

15kU   X2,500   10μm   19 25 SEI

FIGURE 12

15kV   X2,500   10μm   20 20 SEI
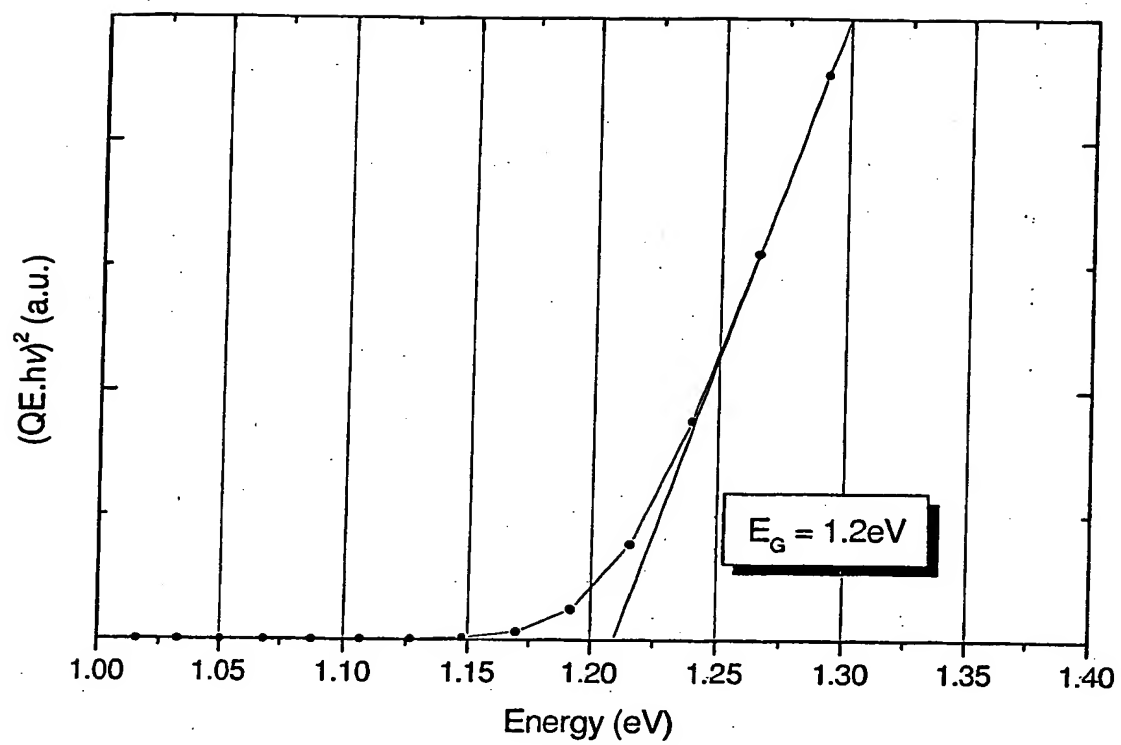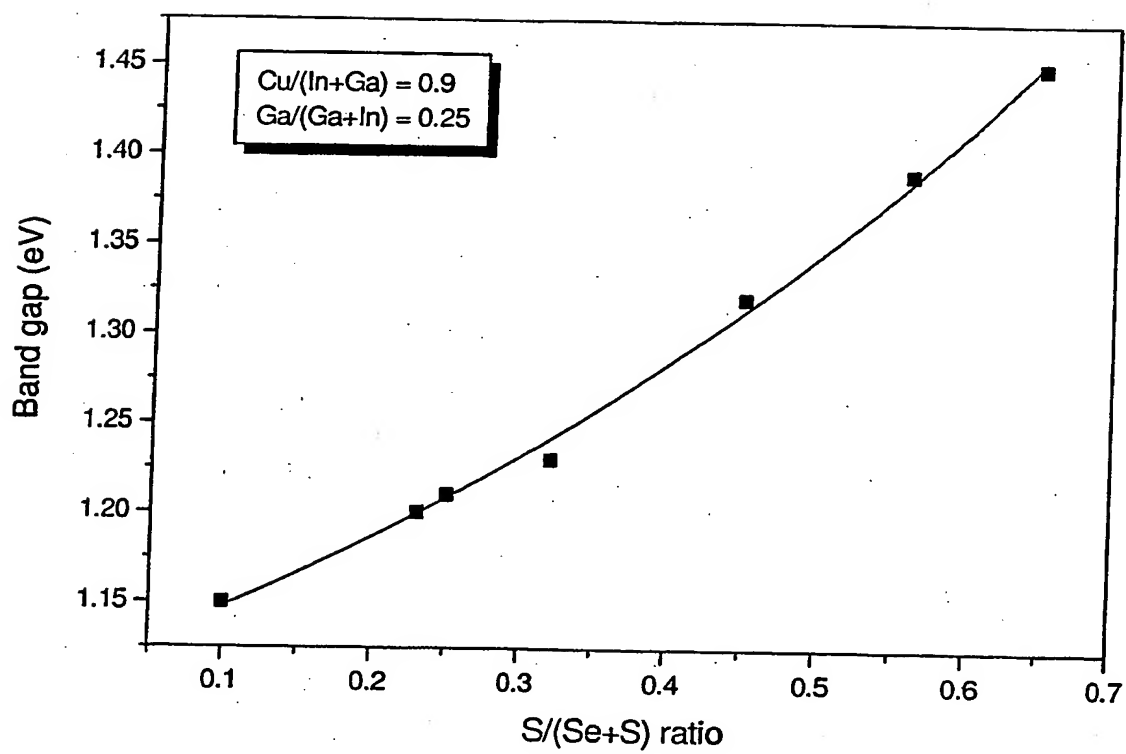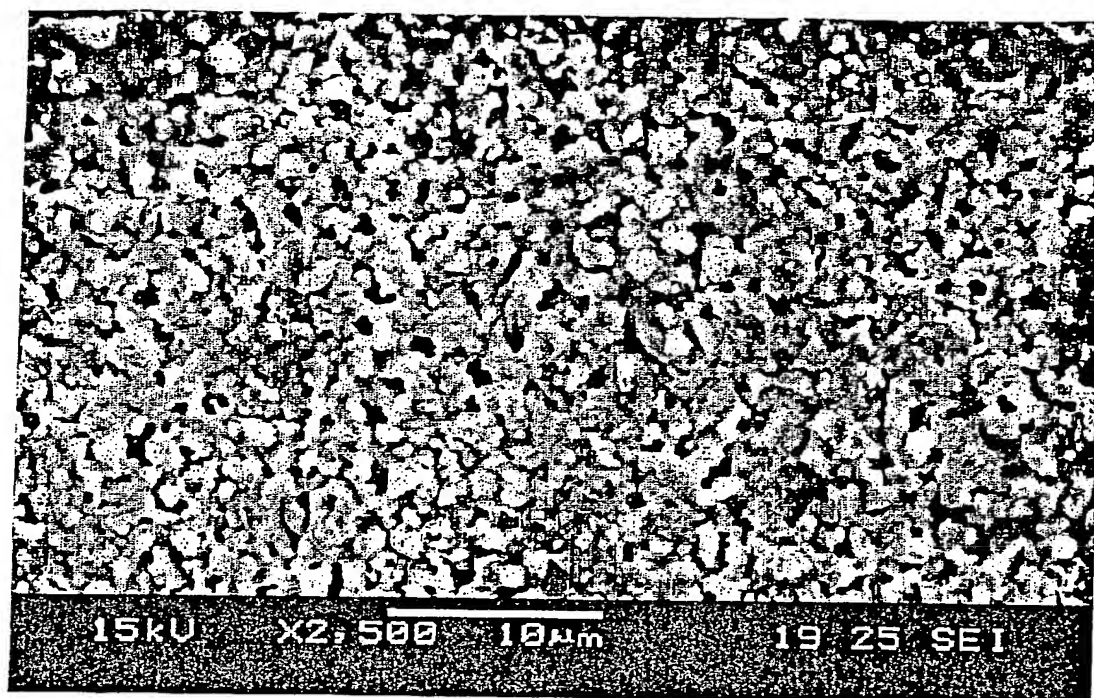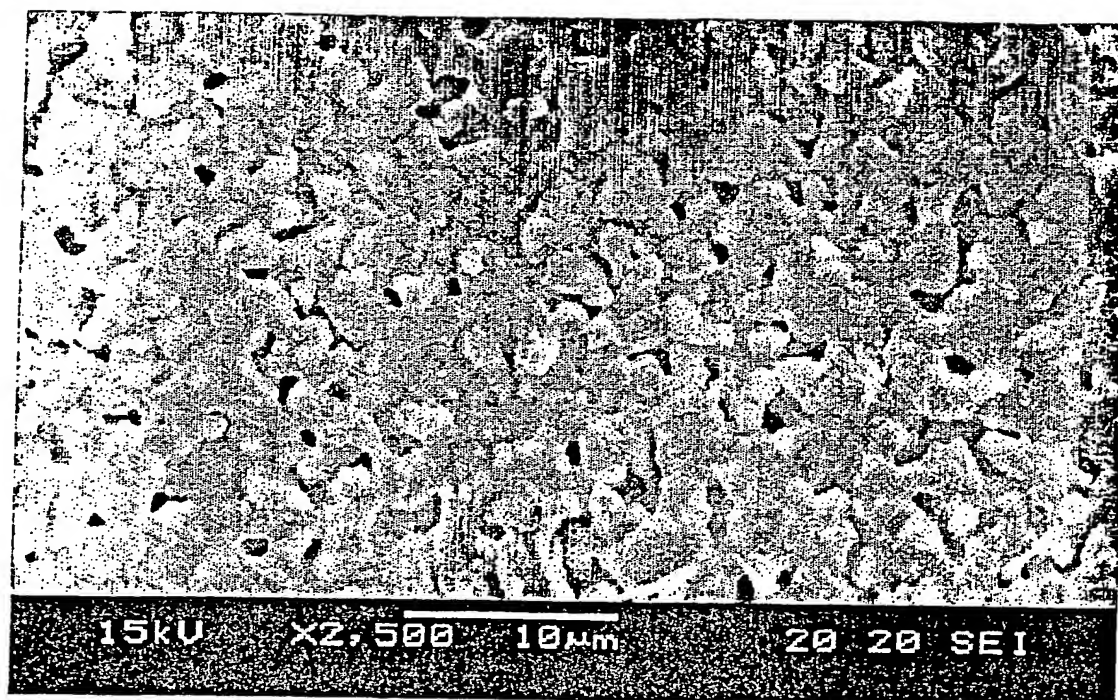
FIGURE 13

FIGURE 14

FIGURE 15.1

$2\theta_{(112)} = 26.85^{0}$

Mo

(220/204)

(312/116)

(101)   (103)   (211)   (008)   (316)   Mo
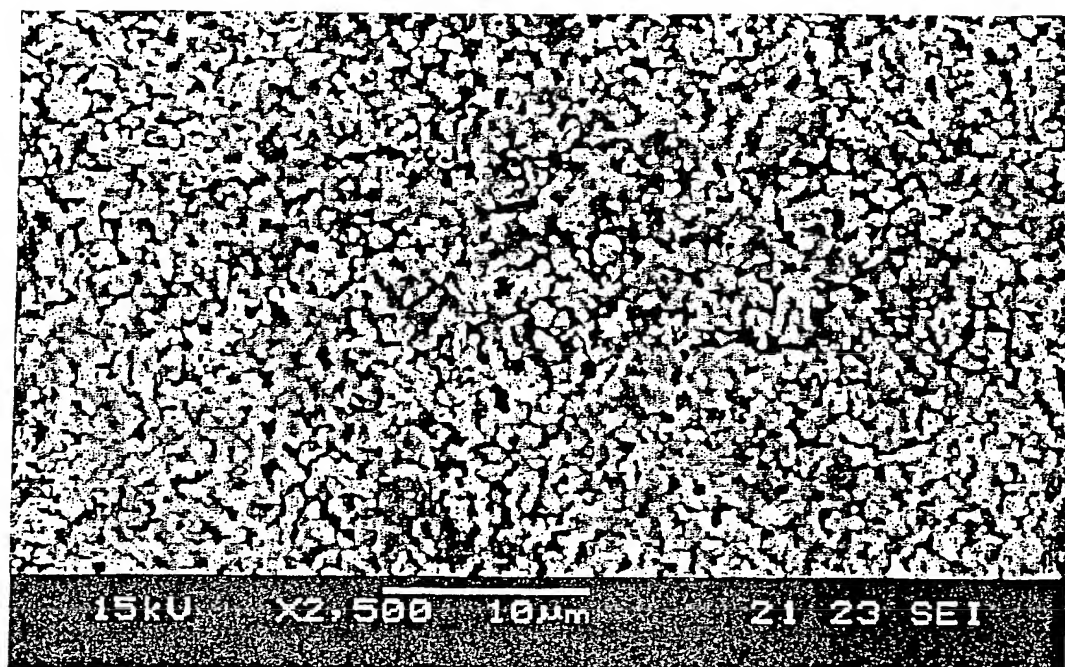
Intensity (a.u.)

Angle 2(θ)
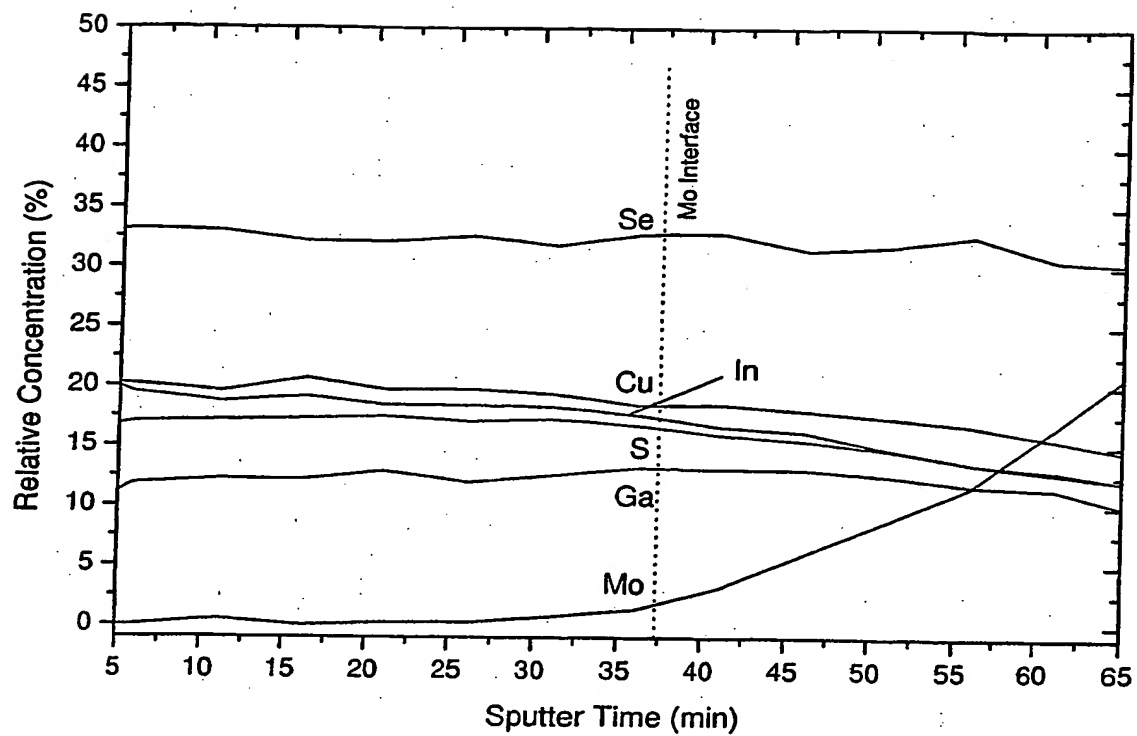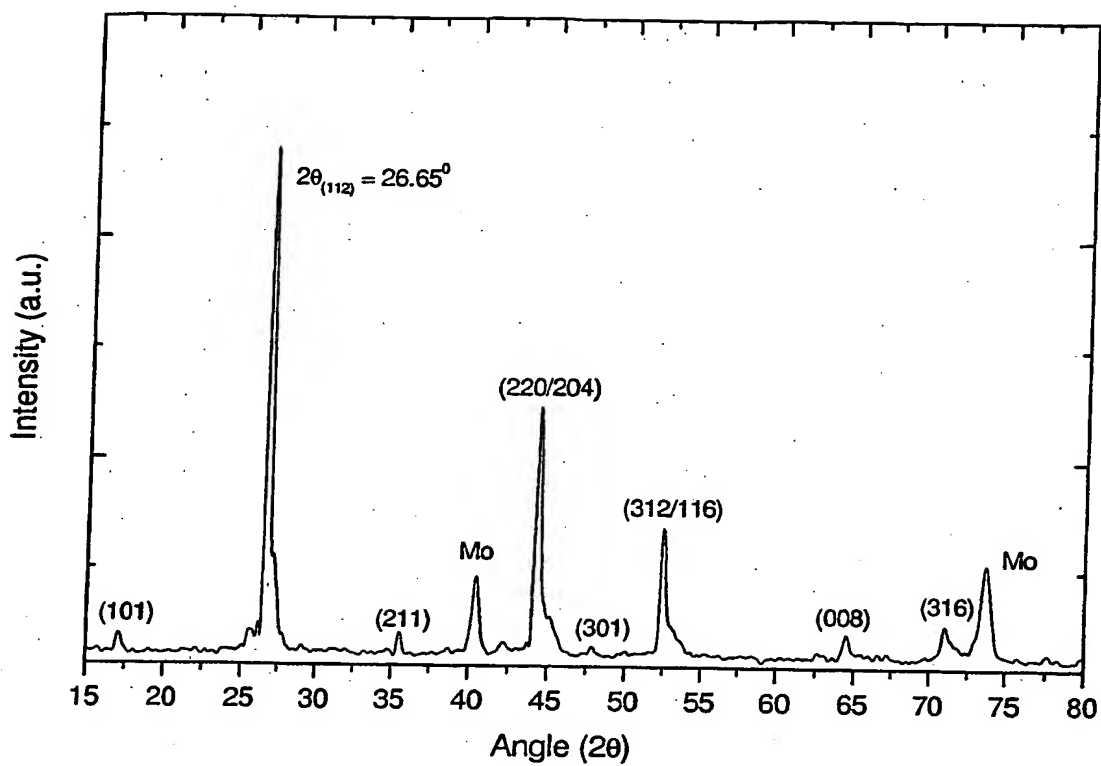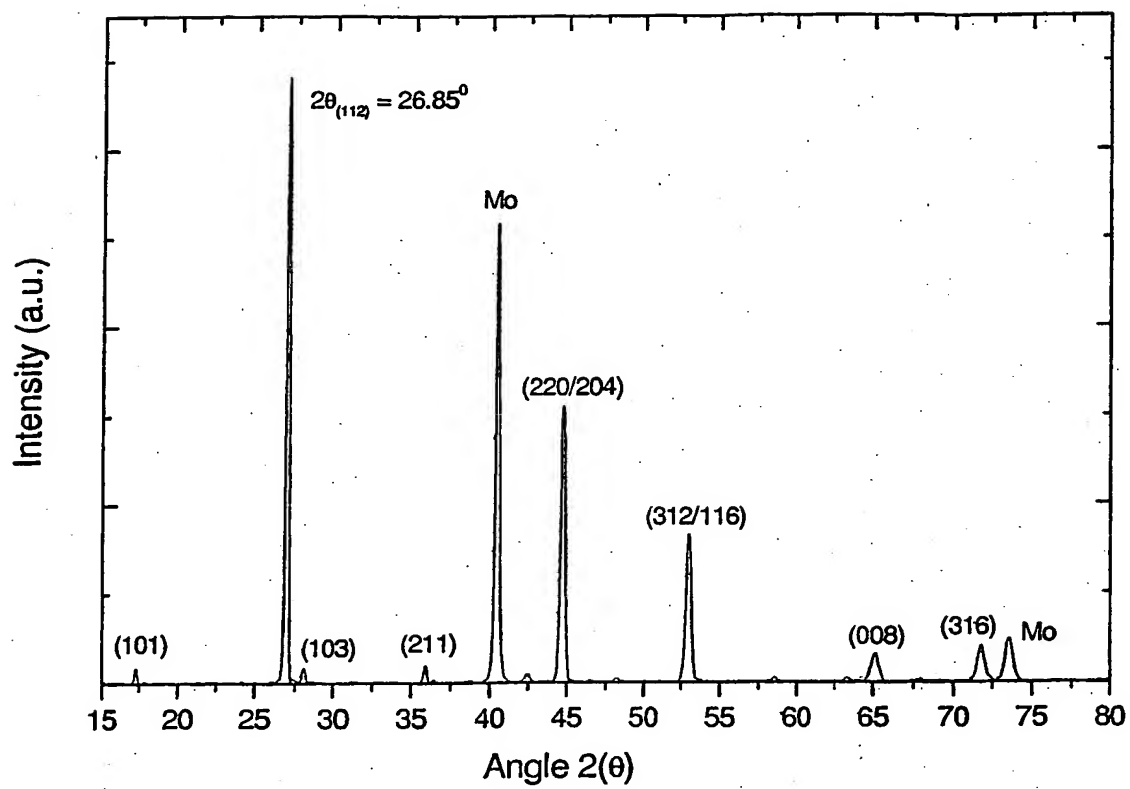
FIGURE 15.2

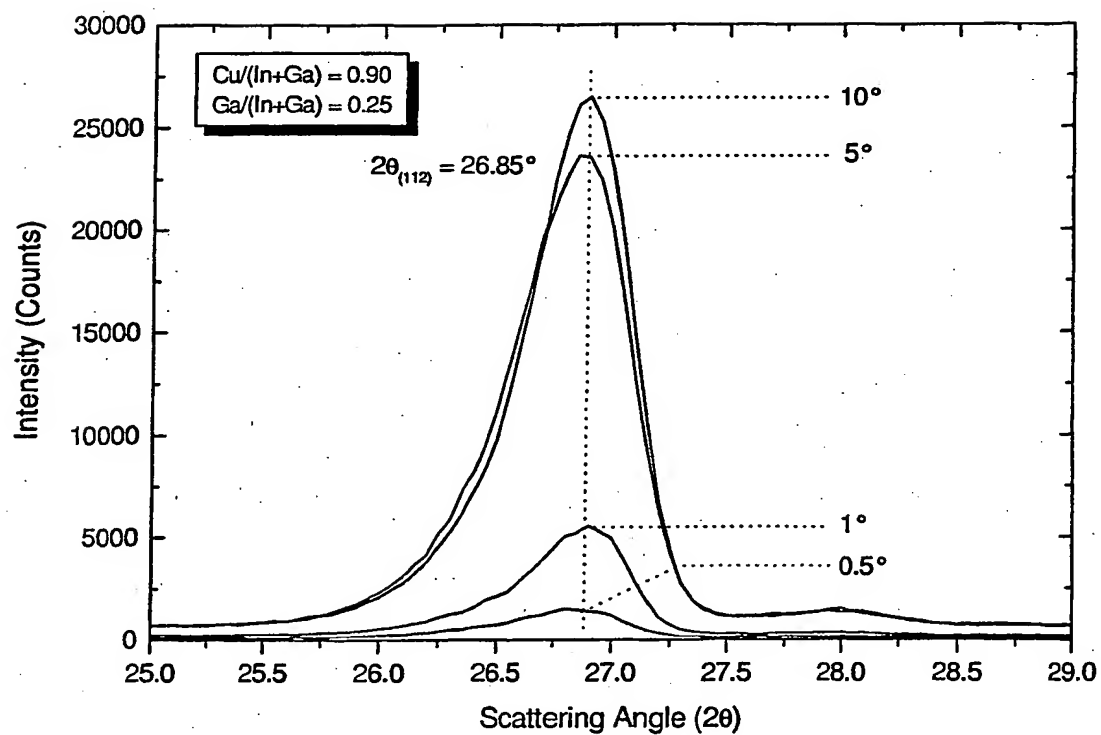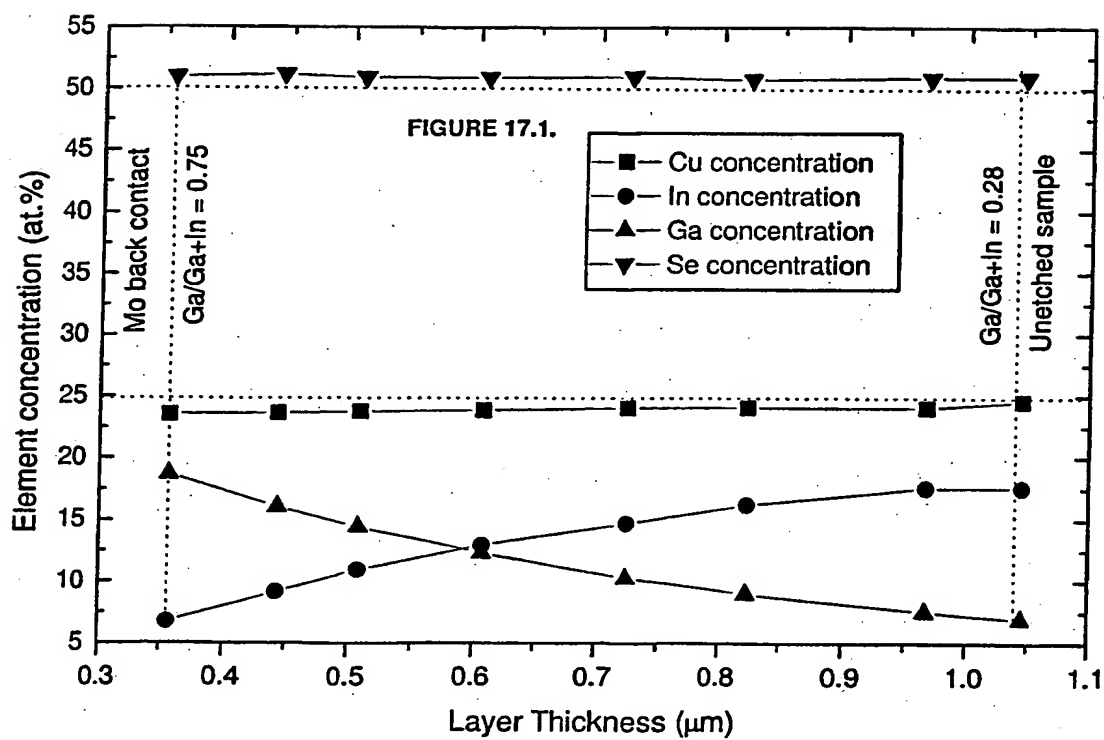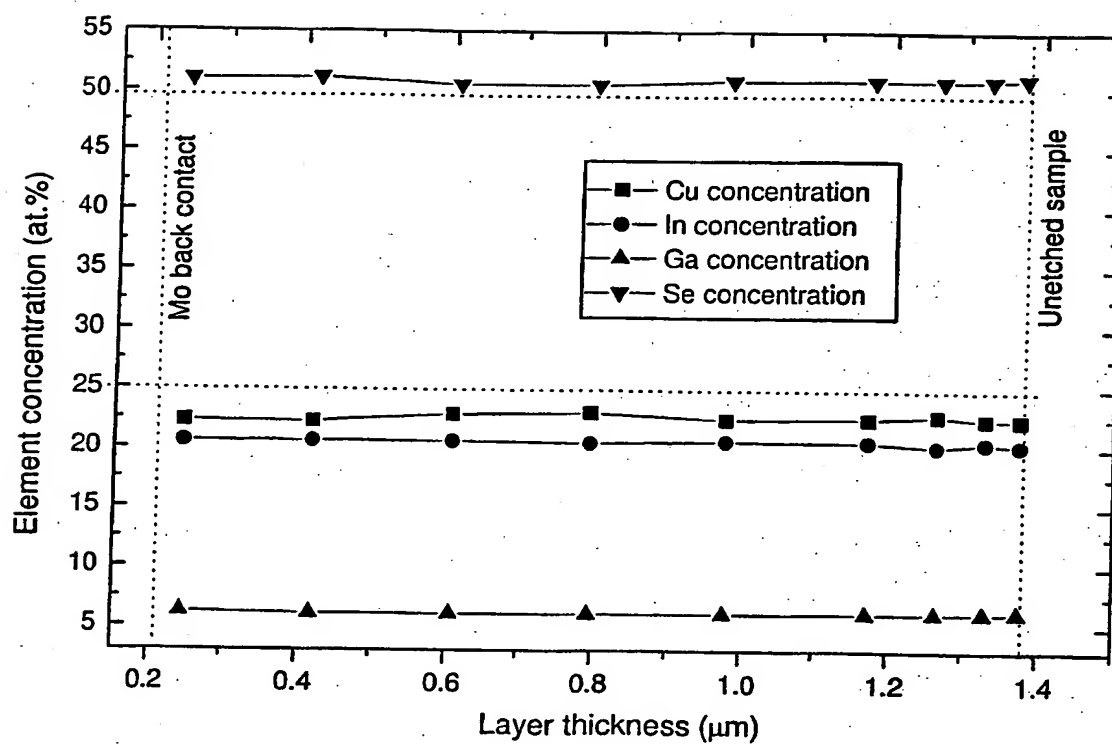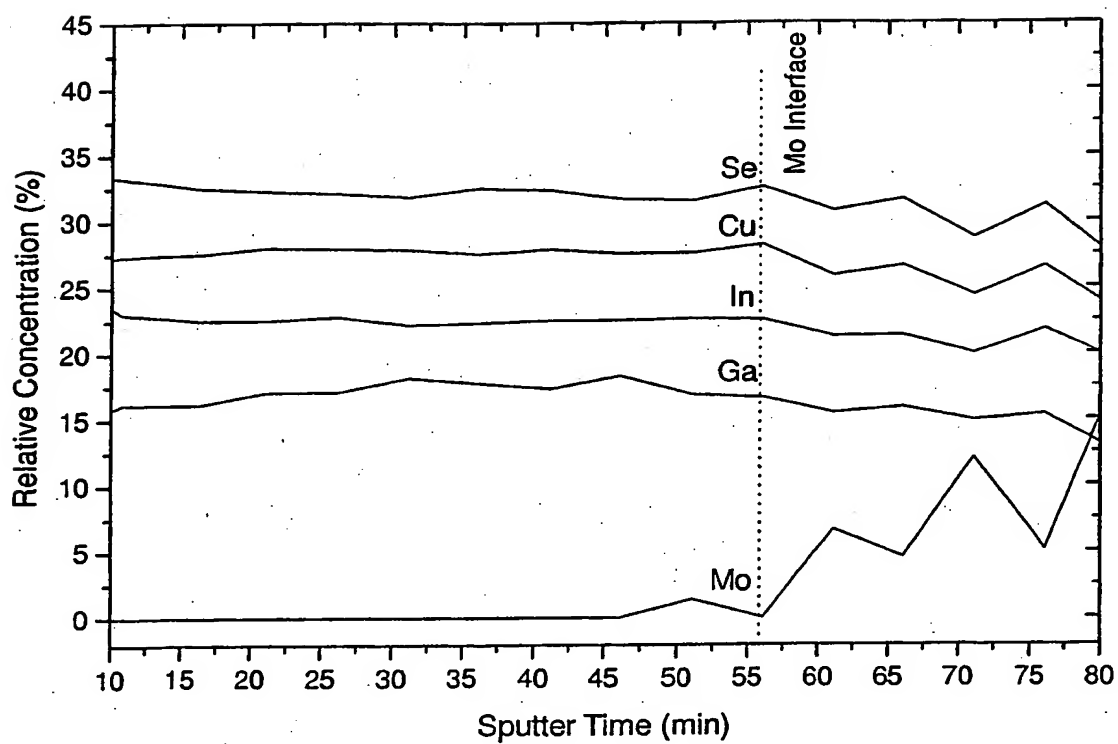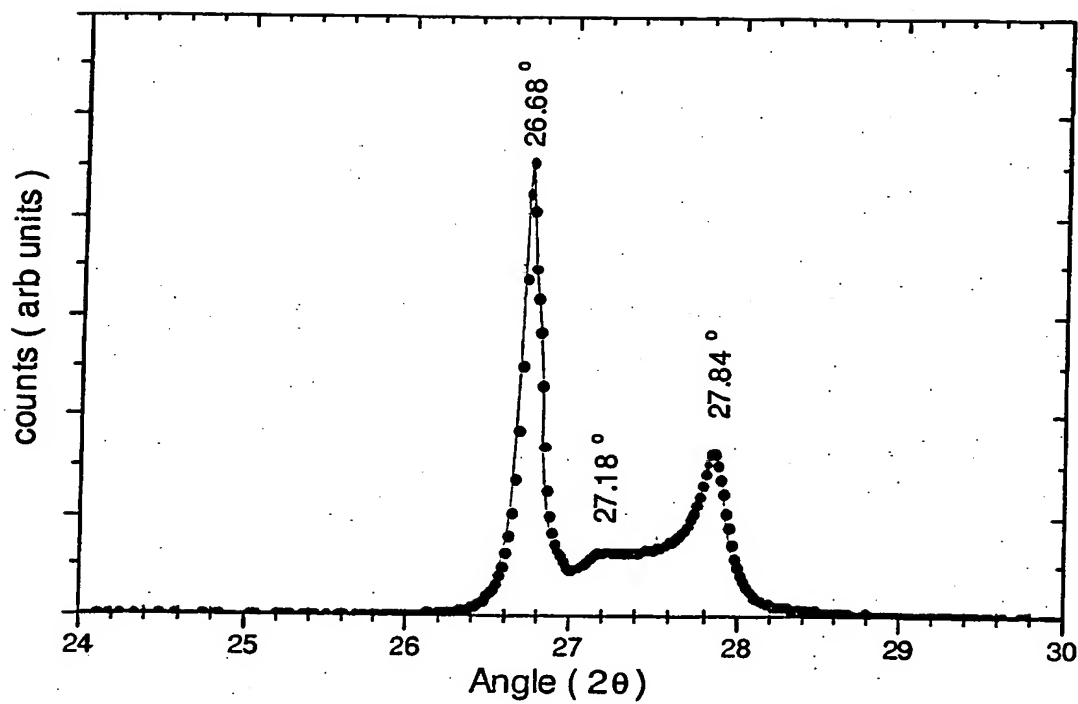**FIGURE 16**

FIGURE 17.1

FIGURE 17.2

FIGURE 18

FIGURE 19

20kU   X2,500   10μm   21 15 SEI
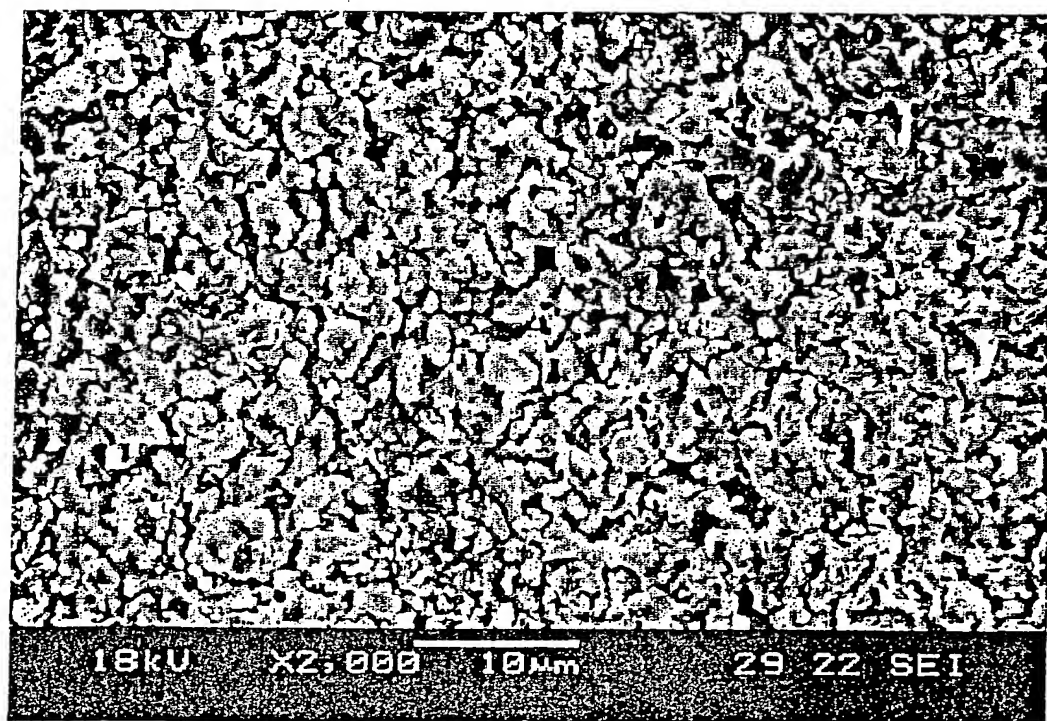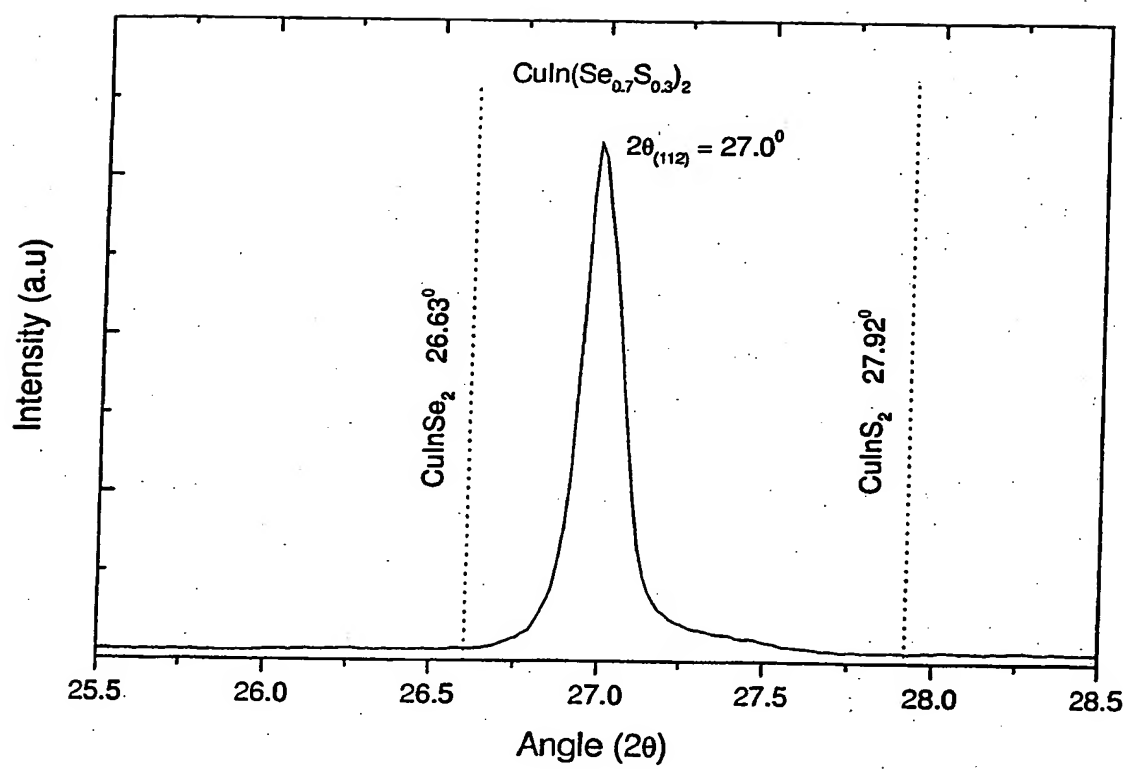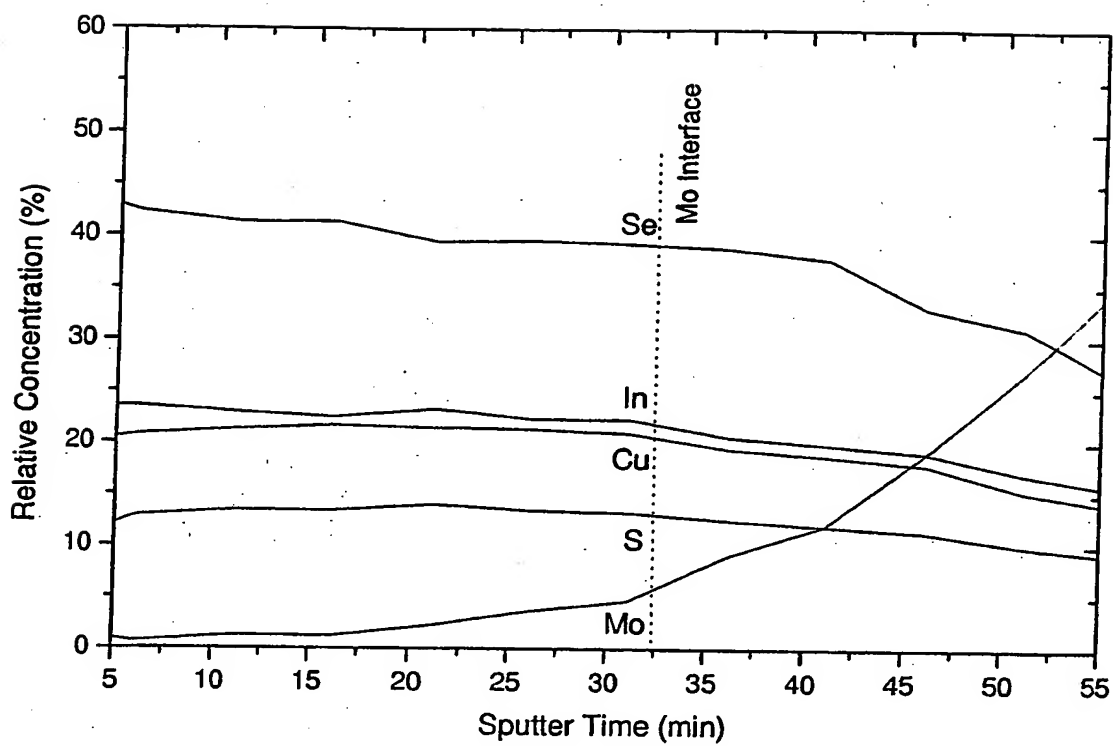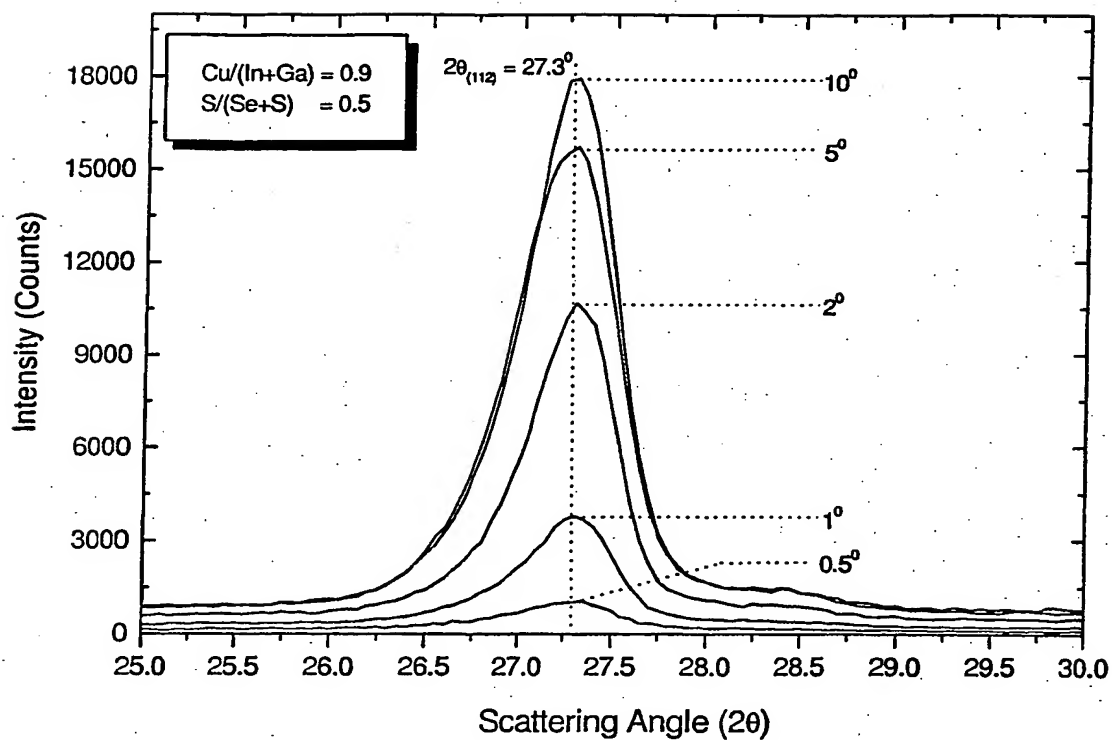
FIGURE 20

18kU   X2,000   10μm   29 22 SEI
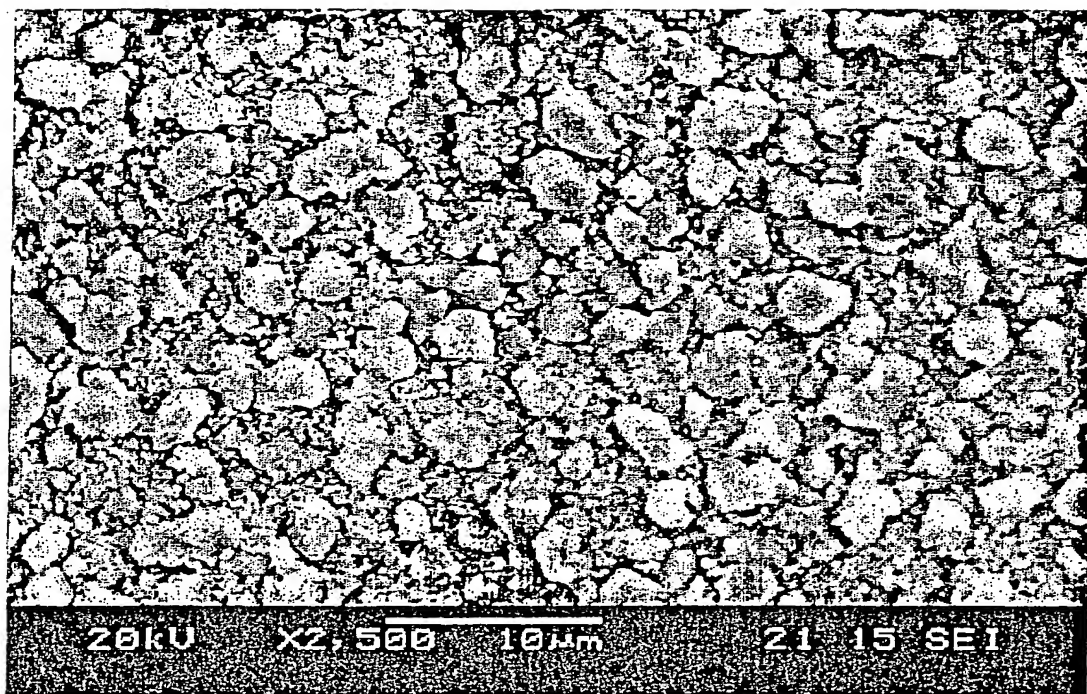
FIGURE 21

FIGURE 22

FIGURE 23

FIGURE 24